

Document 1_Email_NYSDEC_Phelps_Dodge_091820

Document 2_NYSDEC_Phelps_Dodge_Site_Summary_091620

SUPPORTING DOCUMENT 1

Hagiwara, Jan

From: Crawford, Nigel (DEC) <nigel.crawford@dec.ny.gov>
Sent: Friday, September 18, 2020 1:17 PM
To: Hagiwara, Jan
Cc: O'Connell, Jane H (DEC)
Subject: RE: Request for recent PRR - Phelps Dodge Refining Corporation (#241002)

Jan: Capping is almost complete. The site was divided up into parcels and each parcel needs to have its cap certified by a Professional Engineer. The certification currently taking place. We hope to finalize a sitewide Final Engineering Report (FER) (comprised of the Reports from each of the individual Parcels) shortly. A sitewide Site Management Plan was approved by the NYSDEC. Drainage issues also need to be addressed on one of the parcels. We hope all outstanding issues will be addressed in the coming months. Thank you, Nigel

From: Hagiwara, Jan <Hagiwara.Jan@epa.gov>
Sent: Friday, September 18, 2020 12:00 PM
To: Crawford, Nigel (DEC) <nigel.crawford@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>
Subject: RE: Request for recent PRR - Phelps Dodge Refining Corporation (#241002)

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Hi Nigel,

Thanks for the quick response and apologies for not being more specific. In 2016 it seemed that there was still some capping to be done. Was any capping completed in the last 4 years? Is any still left to be done?

That along with the information that the site is not yet in the Site Management phase will be enough information for us. I realize that this is a large and complex site but our purpose is only to do a periodic general update on the status, nothing more. Thanks again.

Jan

Jan Hagiwara
Site Assessment Manager, SEMD
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New York, NY 10007

(212) 637-4321
hagiwara.jan@epa.gov

From: Crawford, Nigel (DEC) <nigel.crawford@dec.ny.gov>
Sent: Friday, September 18, 2020 11:03 AM

To: Hagiwara, Jan <Hagiwara.Jan@epa.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>
Subject: Re: Request for recent PRR - Phelps Dodge Refining Corporation (#241002)

Jan: We are not yet at the Site Management Phase of the project so no PRR is available. So much has happened at this site a few sentences won't do the site justice. Could you be a bit more specific regarding your needs and I will do my best to fulfill them. Thank you. Nigel

Nigel N. Crawford P.E.

Environmental Engineer 2

Telephone number 718-482-7778

nigel.crawford@dec.ny.gov

From: Hagiwara, Jan <Hagiwara.Jan@epa.gov>
Sent: Friday, September 18, 2020 10:49 AM
To: Crawford, Nigel (DEC) <nigel.crawford@dec.ny.gov>
Subject: Request for recent PRR - Phelps Dodge Refining Corporation (#241002)

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Hi Nigel,

I'm a site assessor at EPA Region 2 in New York and we're trying to update the records for some New York sites in our database. One of them is the Phelps Dodge Refining Corporation site (#241002). Would you be able to send me a recent Periodic Review Report? If not, a few sentences from you on what's happened there over the last 4 years (we last updated our files in 2016) would be fine. This is strictly for the purpose of updating the status of sites that have remained in our database for many years.

Thanks in advance and please contact me if you have any questions.

Sincerely,
Jan

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SUPPORTING DOCUMENT 2



Department of
Environmental
Conservation

Environmental Site Remediation Database Search Details

Site Record

Document Repository

Site-related documents are available for review through the DECInfo Locator on line at [DECInfoLocator](#)

Administrative Information

Site Name: Phelps Dodge Refining Corporation

Site Code: 241002

Program: State Superfund Program

Classification: 02

EPA ID Number:

Location

DEC Region: 2

Address: 42-02 56th Road

City:Maspeth Zip: 11378

County:Queens

Latitude: 40.72479937

Longitude: -73.92267851

Site Type: LAGOON

Estimated Size: 37.31 Acres

Institutional And Engineering Controls

Control Type:

Deed Restriction

[Environmental Easement](#)

Control Elements:

Ground Water Use Restriction

Groundwater Treatment System

Cover System

Leachate Collection

Subsurface Barriers

Landuse Restriction

Monitoring Plan

Site Management Plan

O&M Plan

IC/EC Plan

Site Owner(s) and Operator(s)

Current Owner Name: 56th road and 43rd street LLC

Current Owner(s) Address: 11-20 37th Avenue
Long Island City,NY, 11101

Current Owner Name: JMDH Real Estate of Maspeth Parking LLC

Current Owner(s) Address: 15-24 132nd street
College Point,NY, 11356

Current Owner Name: Jetro Cash & Carry Enterprises LLC

Current Owner(s) Address: 43-40 57th Avenue
Maspeth,NY, 11378

Current Owner Name: Jetro Holdings

Current Owner(s) Address: 55-40 44th Street
Queens,NY, 11378

Current Owner Name: New Found LLC

Current Owner(s) Address: 46-27 54th Road
Maspeth,NY, 11378

Current Owner Name: Parcel 3 Maspeth LLC

Current Owner(s) Address: 132 Sutton Street
Brooklyn,NY, 11222

Current Owner Name: Patriot (2010) LLC

Current Owner(s) Address: 2 Galasso Place
Maspeth,NY, 11378

Current Owner Name: Robinson Bros. Inc.

Current Owner(s) Address: 55-15 43rd street
Maspeth,NY, 11378

Current Owner Name: Sagres 8 LLC

Current Owner(s) Address: c/o Galasso Trucking
Maspeth,NY, 111378

Current Owner Name: Sagres Partners, LLC

Current Owner(s) Address: c/o Galasso Trucking
Maspeth,NY, 11378

Current Owner Name: LHD Ventures

Current Owner(s) Address: c/o Freeport-McMoran Inc
Phoenix,AZ, 85004

Current Owner Name: PDRC Laurel Hill 9 LLC

Current Owner(s) Address: c/o Freeport-McMoRan Inc
Phoenix,AZ, 85004

Current Owner Name: Phelps Dodge Refining Corp.

Current Owner(s) Address: c/o Freeport-McMoRan Corp.
Phoenix,AZ, 85004

Current Owner Name: Fifty Seven Avenue Investments, LLC

Current Owner(s) Address: c/o Parkwill Management Corp
New York,NY, 10022

Current Owner Name: Aniska Realty 1, LLC

Current Owner(s) Address: 41-43 38th Street
Long Island City,NY, 11101

Current Owner Name: Sagres 9, LLC

Current Owner(s) Address: 2 Galasso place
Maspeth,NY, 11378

Site Document Repository

Name: Queens Library at Sunnyside

Address: 4306 Greenpoint Avenue
Sunnyside, NY 11104

Name: Queens Community Board 2

Address: 43-22 50th street, 2nd Floor
Woodside, NY 11377

Name: Queens Community Board #5

Address: 61-23 Myrtle Avenue
Glendale, NY 11385

Name: Queens Borough Public Library Maspeth Branch

Address: 69-70 Grand Avenue
Maspeth, NY 11378

Hazardous Waste Disposal Period

From: 1940 **To:** 1983

Site Description

Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. **Site Features:** In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. **Current Zoning/Use(s):** This site is zoned for industrial purposes. **Historical Uses:** This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. **Site Geology and Hydrogeology:** Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek.

Contaminants of Concern (Including Materials Disposed)

Contaminant Name/Type

mercury

polychlorinated biphenyls (PCB)

arsenic

copper

asbestos

chromium

Site Environmental Assessment

Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a, h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethylhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117).

Site Health Assessment

The potential for human exposure is limited to physical contact with contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for exposures. Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by public water.

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